

PARTY SERIES



STARSHINE LIGHTS

PRODUCT MANUAL

X36

KALEIDOSCOPE 4-IN-1 EFFECT LIGHT

RGBW KALEIDOSCOPE / UV / STROBE / RED-GREEN LASER



RGBW KALEIDOSCOPE

UV EFFECT

WHITE STROBE

RED / GREEN LASER

50 W

14 CH

4-IN-1

AC 95-245 V

READ THIS MANUAL BEFORE INSTALLATION OR OPERATION

PRODUCT OVERVIEW

Thank you for choosing the X36 kaleidoscope 4-in-1 effect light. The fixture combines an RGBW kaleidoscope effect, ultraviolet light, white strobe and red/green laser effects in one compact unit. It supports DMX512, master/slave, automatic and sound-active operation, with infrared remote control on equipped versions.

BEFORE POWERING ON

Inspect the housing, fasteners, optical windows, power cable and ventilation openings. Confirm the supply voltage is within the rated range.

LASER / LIGHT SAFETY

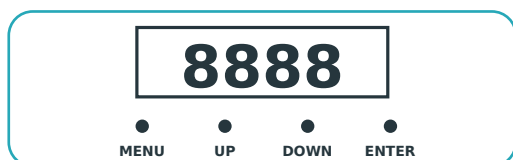
Do not stare into any optical aperture. Never aim laser output at people, animals, vehicles or aircraft. Avoid reflective surfaces and direct viewing.



TECHNICAL PARAMETERS

Item	Specification
Product Model	X36
Product Type	Kaleidoscope 4-in-1 RGBW / UV / strobe / red-green laser effect light
Power Supply	AC 95-245 V, 50/60 Hz
Rated Power	50 W
Light Sources	1 x 15 W OSRAM RGBW 4-in-1 LED; 4 x 3 W UV LEDs; 2 x 10 W white strobe LEDs; 30 mW red/green laser module
Control Protocol	International standard DMX512
DMX Channels	14 channels
Control Modes	DMX512, master/slave, automatic and sound-active
Remote Control	Infrared remote control on equipped versions
Dimming	0-100% ultra-smooth dimming
Strobe	Up to 20 flashes per second

DISPLAY PANEL AND BUTTON OPERATION



Button	Function	Description
MENU	Menu	Move through menu groups or return to the previous item.
UP	Increase	Increase a value or move to the next option.
DOWN	Decrease	Decrease a value or move to the previous option.
ENTER	Confirm	Open a selection and save the selected value.

DISPLAY MENU FUNCTIONS

Display	Mode	Function / Remark
A001-A512	DMX / slave mode	Set the DMX starting address or use the fixture as a slave.
A11-A19	Red mode	Higher final digit = faster rotation.
A21-A29	Green mode	Higher final digit = faster rotation.
A31-A39	Blue mode	Higher final digit = faster rotation.
A41-A49	White mode	Higher final digit = faster rotation.
A51-A59	UV mode	Higher final digit = brighter UV output.
A61-A69	Laser mode	Higher final digit = brighter laser output.
A71-A79	Strobe mode	Higher final digit = faster strobe.
A81-A89	Automatic mode	Higher final digit = faster program speed.
S11-S19	Sound mode 1	Higher final digit = higher microphone sensitivity.
S21-S29	Sound mode 2	Higher final digit = higher microphone sensitivity.



DMX512 CHANNEL FUNCTIONS - CHANNELS 1-7

The X36 uses a standard 14-channel DMX512 profile. Set the correct starting address before reconnecting the controller. All values below are decimal values from 0 to 255.

CH	Function	DMX Value	Description / Remark
1	Kaleidoscope motor	000-127	Position from 0 to 340 degrees.
1	Kaleidoscope motor	128-255	Automatic rotation; speed changes from fast to slow.
2	Rotation amplitude	000-255	Controls the automatic movement range from 0 to 340 degrees; active when channel 1 is above 128.
3	Laser motor	000-009	Stop.
3	Laser motor	010-255	Rotation speed changes from slow to fast.
4	Master dimmer	000-255	Total brightness changes linearly from dark to bright.
5	Main strobe	000-009	No strobe.
5	Main strobe	010-255	Strobe speed changes from slow to fast.
6	Red dimmer	000-255	Red output changes from dark to bright.
7	Green dimmer	000-255	Green output changes from dark to bright.

DMX CONNECTION NOTES



- Use a proper shielded DMX cable rather than an audio microphone cable.
- Terminate the final fixture when required, especially on long cable runs.
- Avoid overlapping channel ranges unless identical fixture operation is intended.

QUICK DMX SETUP

- 1 Connect the controller DMX OUT to the fixture DMX IN.
- 2 Set the fixture display to the required address from A001 to A512.
- 3 Patch 14 consecutive channels on the controller.
- 4 Raise the master dimmer and the required color, strobe or laser channels above zero.
- 5 Use channel 14 for automatic or sound-active macro playback when required.



DMX512 CHANNEL FUNCTIONS - CHANNELS 8-14

CH	Function	DMX Value	Description / Remark
8	Blue dimmer	000-255	Blue output changes from dark to bright.
9	White dimmer	000-255	White output changes from dark to bright.
10	UV dimmer	000-255	UV output changes from dark to bright.
11	Red laser dimmer	000-255	Red laser output changes from dark to bright.
12	Green laser dimmer	000-255	Green laser output changes from dark to bright.
13	White strobe	000-010	No strobe.
13	White strobe	011-255	Strobe speed changes from slow to fast.
14	Macro control	000-050	Channels 1-13 remain under direct DMX control.
14	Macro control	051-150	Random automatic program.
14	Macro control	151-255	Sound-active automatic program.

REMOTE CONTROL OPERATION

Remote-control instructions apply only to fixtures supplied with an infrared remote. Remove the battery insulation tab before first use and aim the remote toward the infrared receiver.



Button	Function
ON	Turn the light on.
OFF	Turn the light off.
DMX	Select DMX mode.
AUTO	Cycle through automatic modes.
speed+	Increase automatic speed.
speed-	Decrease automatic speed.
voice	Cycle through sound-active modes.
mic+	Increase microphone sensitivity.
mic-	Decrease microphone sensitivity.
1	Red LED effect.
2	Green LED effect.
3	Blue LED effect.
4	White LED effect.
5	UV effect.
6	Laser pattern effect.
7	White strobe effect.
8	Automatic mode.
9	Sound-active mode 1.
0	Sound-active mode 2.

CONTROL MODE SUMMARY

Mode	How to select	Main use
DMX manual	Set a DMX address and control channels 1-14.	Full control of motor, color, dimmer, strobe and laser output.
Automatic	Select A81-A89 or channel 14 values 051-150.	Built-in program playback without a controller.
Sound-active	Select S11-S19 / S21-S29 or channel 14 values 151-255.	Built-in effects respond to music through the microphone.
Master/slave	Set one fixture as master and compatible fixtures as slaves.	Synchronized playback across multiple fixtures.
Remote control	Aim the supplied remote toward the infrared receiver.	Fast mode, speed and sensitivity adjustments without DMX.

SAFETY, INSTALLATION AND MAINTENANCE

DISCONNECT POWER

Disconnect the fixture from mains power before installation, inspection, cleaning or maintenance. Allow optical and housing components to cool before touching them.

- Read and understand the manual before use.
- Keep the fixture dry and protect it from rain or prolonged humidity.
- Keep ventilation openings clear while operating.
- Use only a properly grounded supply within the rated voltage range.
- For overhead use, install a suitable clamp and an independent safety cable.
- Avoid direct viewing of LED and laser apertures.
- Never aim laser output at people, animals, vehicles or aircraft.
- Internal service must be performed by qualified personnel.

RECOMMENDED CLEANING AND INSPECTION

Interval	Procedure
Weekly	Wipe the outer housing with a soft, slightly damp, lint-free cloth.
Monthly	Clean optical windows carefully with professional optical or glass cleaner and a soft cloth.
Monthly	Remove dust from ventilation openings and confirm that cooling airflow is unobstructed.
Before overhead use	Inspect screws, mounting points, clamp and the independent safety cable.
As required	Stop using the fixture if there is abnormal noise, smell, heat, light output or movement.

STARSHINE LIGHTS SUPPORT

Product Model: X36

Keep the product serial number and purchase information available when requesting support.

Website: www.starshinelights.com

NOTE: Remote-control functions apply only to versions supplied with an IR remote.

